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OTICE OF ALLOWANCE AND FEE(S) DUE

CANTOR COLBURN, LLP 55 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002

23413

EXAMINER EDWARDS JR, TIMOTHY ART UNIT PAPER NUMBER

2612 **DATE MAILED: 12/21/2006**

•	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/725.353	12/01/2003	Jorg Lehr	INT-0005	1316

TITLE OF INVENTION: ROTATIONAL PULSATION SYSTEM AND METHOD FOR COMMUNICATING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	03/21/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS.</u> THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

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II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

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10/725,353	12/01/2003		-	Jorg Lehr				INT-0005	1316
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nonprovisional	NO		\$1400	\$300		\$0		\$1700	03/21/2007
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10/725,353 12/01/2003		2/01/2003	Jorg Lehr	INT-0005	1316
23413	7590	12/21/2006		EXAM	INER
CANTOR CO	LBURN, I	LLP	EDWARDS JI	R, ТІМОТНҮ	
55 GRIFFIN R				· ART UNIT	PAPER NUMBER
BLOOMFIELI	BLOOMFIELD, CT 06002				
				DATE MAILED: 12/21/200	6

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 391 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 391 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

		<u> </u>
	Application No.	Applicant(s)
	10/725,353	LEHR, JORG
Notice of Allowability	Examiner	Art Unit
•	Timothy Edwards, Jr.	2612
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap) or other appropriate communication (IGHTS. This application is subject t	plication. If not included not be mailed in due course. THIS
1. X This communication is responsive to amendment of Nover	mber 6, 2006.	•
2. The allowed claim(s) is/are 1-25.		
Acknowledgment is made of a claim for foreign priority uses a) □ All b) □ Some* c) □ None of the: 1. □ Certified copies of the priority documents have 2. □ Certified copies of the priority documents have 3. □ Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. □ A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 5. □ CORRECTED DRAWINGS (as "replacement sheets") must (a) □ including changes required by the Notice of Draftspers 1) □ hereto or 2) □ to Paper No./Mail Date (b) □ including changes required by the attached Examiner Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the deposition of the depositi	e been received. e been received in Application No comments have been received in this of this communication to file a reply MENT of this application. nitted. Note the attached EXAMINER res reason(s) why the oath or declar ast be submitted. son's Patent Drawing Review (PTO - o's Amendment / Comment or in the of 1.84(c)) should be written on the draw the header according to 37 CFR 1.121 posit of BIOLOGICAL MATERIAL	national stage application from the complying with the requirements R'S AMENDMENT or NOTICE OF ation is deficient. -948) attached Office action of ings in the front (not the back) of (d). must be submitted. Note the
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal 6. Interview Summan Paper No./Mail Da 7. Examiner's Amend	Patent Application y (PTO-413), ate
	9.	·

Application/Control Number: 10/725,353

Art Unit: 2612

DETAILED ACTION

Allowable Subject Matter

- 1. Claims 1-24 are allowed.
- 2. The following is an examiner's statement of reasons for allowance: with respect to claims 1-11, Examiner maintains allowability as cited in office action dated August 15, 2006. With respect to claims 12-22 the closest prior art Chin et al USP 5,740,126 fails to teach or suggest spinning a rotational pulsation system to create a first set of frequencies; applying an electrical load to the system to modify the first set of frequencies to a second respective set o frequencies; adjusting a difference between a first frequency of the first set of frequencies and one of a second frequency of the first se of frequencies and a first frequency of the second set of frequencies. With respect to claims 23-25 he closest prior art Chin et al fails to teach or suggest spinning a rotational pulsation system having multiple systems each system creates a same first and second frequency thereby creating a constructive interference at each frequency or each system creating multiple frequencies and applying an electrical load to the system to modify the multiple frequencies.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 10/725,353

Art Unit: 2612

Any inquiry concerning this communication should be directed to Examiner Timothy Edwards, Jr. at telephone number (571) 272-3067. The examiner can normally be reached on Monday-Thursday, 8:00 a.m.-6:00 p.m. The examiner cannot be reached on Fridays.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy Garber, can be reached at (571) 272-7308.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-4700, Mon-Fri., 8:30 a.m.-5:00 p.m.

Any response to this action should be fax to:

(571) 273-8300 (for formal communications intended for entry).

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov or contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Timothy Edwards, Jr.

Primary Examiner

December 18, 2006

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